



## Invitation to Bid HNS 23-17

**NOTE: Contractors are not authorized to visit the property before or after the bid walk, without being accompanied by the City's Rehabilitation Specialist.**

**Documents included in Package:**

- 1) Instruction to Bidders
- 2) Specs by Location/Trade (Scope of Work)
- 3) Subcontractor Certifications (if applicable)
- 4) Floor Plan / Site Drawing (if applicable)

**Bid Walk & Bid Opening:**

Project Address: <b>1915 Herrin Ave</b>		<b>Safe Home Charlotte</b> <b>LeadSafe Charlotte</b>
<b>Bid Walk: 1/26/2023 at 10:00 am (THURSDAY)</b>		
<b>Bid Opening: 2/3/2022 at 5:00 pm (FRIDAY)</b>		
Client Name: Mattie Williams	Lead and Rehab	
Project Manager: Elizabeth Lamy	Contact Number: 704-620-9090	

**Bid Walk and Bidding Instructions:**

*All bid walks are mandatory.*

*If you are going to be late the policy is the following:*

Contact me BEFORE the start time if you are going to be late. If you are going to be more than 10 minutes late, we will proceed without you and you will not be permitted to bid.

The day of a bid walk the best way to reach me is at 704-620-9090.

*Bids must be received by the date, time and place specified. All others will be considered non responsive and disqualified.*

**The Bids will be received via email no later than the above-mentioned date and time. Emailed bids will not be opened until the listed Bid Opening time.**



**Company Acknowledgement:**

The undersigned, having become thoroughly familiar with the terms, conditions, limitations, and provisions of the housing improvement work to be performed at **1915 Herrin Ave** to be funded through the City of Charlotte Housing & Neighborhood Services, in addition, having fully inspected the site in all particulars, hereby proposes and agrees to fully perform the work within the time stated and in strict accordance with the proposed contract documents including furnishing of any and all labor and materials, and to do all work required to complete said Work in accordance with the advised respective contractual, for the sum of money:

***All labor, materials, services and equipment necessary for the completion of the Work shown on the Drawings and in the Specifications:***

Dollars (\$) \_\_\_\_\_

*Written total*

Specs Dated: 1/19/2023

Number of Pages: 18

Addenda # 1 Dated:

Number of Pages:

Addenda # 2 Dated:

Number of Pages:

**Project Schedule: (A DATE must be included here or the bid will be nonresponsive)**

**Completion Deadline: (please provide projected completion date with bid submission)**

***Please Print and Sign:***

Company Name/Firm:

Authorized Representative Name:

Signature:

Date:

**Bid Validation**

- All approved bids will be valid for 60 days after the bid opening date



## **Requirements For Bidders**

The City awards rehabilitation bids to the lowest responsive and responsible bidder. A responsible bidder for the safe home program is one who:

- 1) Is a licensed general contractor in the State of North Carolina;
- 2) Has an Renovate, Repair & Paint Certification (<http://www2.epa.gov/lead/renovation-repair-and-painting-program>);
- 3) Is not listed on a local, state or federal debarment list;
- 4) Carries an appropriate amounts of insurance;
- 5) Can provide references verifying the contractor has completed work of a similar scope in a good workmanship like manner or successfully completed prior work for the Safe Home program. Referenced work must have been completed in one year or less from date of this invitation to bid.

A responsive bidder must:

- 1) Submit all requested documentation on time;
- 2) Meet the above requirements for responsibility at the time of bid submittal;
- 3) Have the capacity to meet the required schedule for the project.
- 4) Existing rehab projects contracted by the contractor must be on schedule.

The City reserves the right to waive any minor informalities or irregularities, which do not go to the heart of the bid submittal or prejudice other offers, or to reject, for good and compelling reasons, any or all bid submittals.

Elizabeth Lamy Santos  
Rehabilitation Specialist  
City of Charlotte  
Housing & Neighborhood Services  
600 E. Trade St.  
Charlotte, NC 28202  
PH: (704) 336-3333 desk  
(704) 620-9090 cell  
[elizabeth.lamy@charlottenc.gov](mailto:elizabeth.lamy@charlottenc.gov)

HOUSING & NEIGHBORHOOD  
SERVICES

<http://housing.charlottenc.gov> | 600 E. Trade Street | Charlotte, NC

<G:\SELECTIVE REHAB TEAM\forms\bid forms and documents\Invitation to bid WARREN>

# Work Specification

Prepared By:  
**City of Charlotte Housing & Neighborhood Services**  
**600 E. Trade Street**  
**Charlotte, NC 28202**  
**(704) 336-7600**

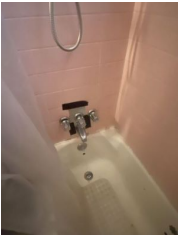
## Property Details

Address:	1915 Herrin Ave Charlotte, NC 28205	Owner:	Mattie Williams
Structure Type:	Single Unit	Owner Phone:	Home: (704) 493-4693
Square Feet:	783	Program(s):	Tested- HAS LEAD LeadSafe 2019 Healthy Homes LBP 2019 SHFY 22 Rehab
Year Built:	1964		
Property Value:	45100		
Tax Parcel:	09306186		
Census Tract:			
Property Zone:			

### Fiberglass Walk-In Shower - Pan ONLY

### BATHROOM

Install Mustee or equivalent fiberglass shower pan unit equivalent to existing tub size, complete with single lever shower diverter, shower rod and water saving shower head. Caulk all seams and penetrations.



Bid Cost:	_____	X	_____	=	_____
	Base		Quantity		Total Cost

### Grab Bars

### BATHROOM

Install 1 1/2" diameter S/S Grab Bars on 3 walls at height of 36" (include wood blocking in wall. Each bar must hold 300 pounds). Owners choice of locations.

Bid Cost:	_____	X	_____	=	_____
	Base		Quantity		Total Cost

# Work Specification

## Prep & Paint Room Semi Gloss

### BATHROOM

Remove or cover hardware and accessories not to be painted. Scrape loose, peeling, cracked and blistered areas. Clean oil, grease, fungus, dirt, and dust from surfaces. Fill holes and cracks. Prime new materials and spot prime existing with acrylic latex. Top coat with owner's choice of low VOC acrylic SEMI-GLOSS latex. Painting shall include walls and any associated trim. Replace or uncover hardware, fixtures and accessories. Any moving of furniture required shall be included.

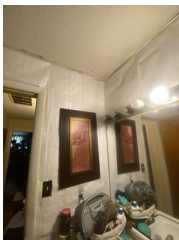


Bid Cost: \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_  
Base Quantity Total Cost

## Wallpaper Removal

### BATHROOM

Remove existing wallpaper to a clean wall surface ready for primer and paint. Include a thin skim coating of lightweight joint compound sanded and smoothed if needed.



Bid Cost: \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_  
Base Quantity Total Cost

## Ceramic Wall Tile

### BATHROOM

Install owner's choice ceramic wall tile over cement fiberboard with troweled adhesive. Include preformed base, cap, stop, return and trimmer pieces to complete installation. After at least 24 hours drying time, apply latex based portland cement grout. Clean all excess grout and apply mildew resistant white silicone caulk at all seams, fixture lips and pipe penetrations.



Bid Cost: \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_  
Base Quantity Total Cost

## Prep & Paint Ceiling

### BATHROOM

Remove or cover hardware and accessories not to be painted. Scrape loose, peeling, cracked, and blistered areas. Clean oil, grease, fungus, dirt, and dust from surfaces. Fill holes and cracks. Prime all new materials and spot prime existing with acrylic latex. Top coat with Owner's choice of low VOC acrylic flat latex in all habitable rooms and low VOC acrylic semi-gloss latex in kitchen and baths. Replace or uncover hardware, fixtures and accessories. Any moving of furniture required shall be included.



Bid Cost: \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_  
Base Quantity Total Cost

# Work Specification

## Bath Exhaust Fan - New Installation

## BATHROOM

Install a ceiling or through-the-wall, exterior ducted, vent fan with damper. Include power and switch wiring using #14 copper Romex. Repair any tear out.

Bid Cost:  $\frac{\text{Base}}{\text{Quantity}} \times \text{Quantity} = \text{Total Cost}$

## Vanity/ Counter Top/ Sink

## BATHROOM

Install new vanity cabinet complete with counter top of laminate with vitreous china sink or marble-lite top with preformed sink. Include single handled metal faucet with drain and pop-up , P- trap, supply lines, full port ball type shut-off valves & escutcheon plates.

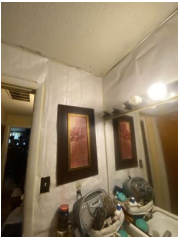


Bid Cost:  $\frac{\text{Base}}{\text{Quantity}} \times \text{Quantity} = \text{Total Cost}$

## Bath Mirror

## BATHROOM

Install mirror sized at the width of vanity by 36" high. Use adhesive manufactured for this purpose and apply to sound backing.



Bid Cost:  $\frac{\text{Base}}{\text{Quantity}} \times \text{Quantity} = \text{Total Cost}$

## 17" Height Commode Replace

## BATHROOM

Install a 17" height, 2 piece, close coupled, white, vitreous china commode with a maximum water usage per flush of 1.6 gallons. Include plastic or pressed wood white seat, supply pipe, shut-off valve, flap valve and wax seal.



Bid Cost:  $\frac{\text{Base}}{\text{Quantity}} \times \text{Quantity} = \text{Total Cost}$

# Work Specification

## Resilient Flooring

### BATHROOM

Install 25 year warranted resilient floor covering per manufacturer's specifications. Flooring material is to be vinyl interlocking planks and be waterproof. Include transitions and painted or stained wood quarter-round at all perimeters to complete installation.



Bid Cost: \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_  
Base Quantity Total Cost

## GFCI Receptacle 20 AMP

### BATHROOM

Install a flush mounted, ground fault circuit interrupted, duplex receptacle and cover plate. Fish wire and repair all tear out as needed.



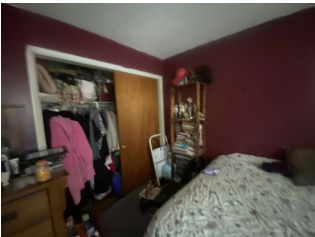
Bid Cost: \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_  
Base Quantity Total Cost

## Prep & Paint Room Flat

### BEDROOM

Remove or cover hardware and accessories not to be painted. Scrape loose, peeling, cracked and blistered areas. Clean oil, grease, fungus, dirt, and dust from surfaces. Fill holes and cracks. Prime all new materials and spot prime existing with acrylic latex. Top coat with owner's choice of low VOC acrylic FLAT latex. Painting shall include walls and any associated trim with SEMI-GLOSS latex. Replace or uncover hardware, fixtures and accessories. Any moving of furniture required shall be included.

\*\*\*Work includes drywall repair and painting the interior of the closet.



Bid Cost: \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_  
Base Quantity Total Cost

## Ceiling Fan with Light Kit

### BEDROOM

Install a 52" 3 speed flush mounted ceiling fan with a minimum two bulb UL approved, LED light fixture with shade and lamps. Include ceiling fan mounting box. New fan is to be Energy Star rated.



Bid Cost: \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_  
Base Quantity Total Cost

# Work Specification

## Ceiling Fan with Light Kit

## BEDROOM 2

Install a 52" 3 speed flush mounted ceiling fan with a minimum two bulb UL approved, LED light fixture with shade and lamps. Include ceiling fan mounting box. New fan is to be Energy Star rated.



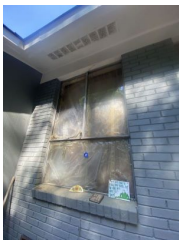
$$\text{Bid Cost: } \frac{\text{Base}}{\text{Quantity}} \times \text{Quantity} = \text{Total Cost}$$

## Vinyl Window

## EXTERIOR

## Exterior

Dispose of window units and any security bars. Field measure, order and install new Energy Star rated vinyl, double glazed LOW-E windows including half screens. Insulate rough opening. Install new extension jambs, casing and sill as needed, prime and paint. Exterior trim to be wrapped in PVC coated aluminum coil as needed. Repair all areas disturbed by removal and installation. This installation is to include repairing any damaged header, framing (to include king studs, jack studs etc.) sub-floor, floor joists, band joists and sill. Any windows replaced in a bathroom must have tempered glass.



$$\text{Bid Cost: } \frac{\text{Base}}{\text{Quantity}} \times \text{Quantity} = \text{Total Cost}$$

## Air Conditioner Replace

## EXTERIOR

## Exterior

Install new Energy Star Rated 14 SEER or higher air conditioner compatible with the indoor unit per the manufacturer's recommendations. Support unit on a level concrete pad with a minimum of 3' clearance around coil. Re-insulate bare areas of refrigerant piping. Properly dispose of existing unit.

$$\text{Bid Cost: } \frac{\text{Base}}{\text{Quantity}} \times \text{Quantity} = \text{Total Cost}$$

## Foundation Vent Screen

## EXTERIOR

## Exterior

Replace foundation vent housing with heavy duty galvanized steel screening.

\*\*\*Count is for (1) screen.

$$\text{Bid Cost: } \frac{\text{Base}}{\text{Quantity}} \times \text{Quantity} = \text{Total Cost}$$



# Work Specification

## Aluminum Storm Door - Front Door

EXTERIOR

Exterior

Install an aluminum combination storm and screen door. Complete with self closer and locking hardware.



Bid Cost: \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_  
Base Quantity Total Cost

## Sliding Glass Patio Door

EXTERIOR

Exterior

Remove and dispose of existing door, frame and threshold. Install new Energy Star rated pre-hung exterior vinyl siding patio door with screen and locking hardware. Insulate cavity. New casing and shoe molding will match existing. This installation is to include repairing any damaged header, door framing, wall framing, sub-floor, floor joists, band joists, and sill.



Bid Cost: \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_  
Base Quantity Total Cost

## Prehung Metal Door - Front Door

EXTERIOR

Exterior

Remove existing door, frame and threshold. Install new Energy Star rated pre-hung exterior door. Insulate cavity. Install mortised dead bolt and lever handled door hardware keyed alike. Install wide peep sight. New casing and shoe molding will match existing. Apply primer and topcoat. This installation to include repairing any damaged header, door framing, to include wall framing, sub-floor, floor joists and sill.



Bid Cost: \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_  
Base Quantity Total Cost

## Electric Service 200 AMP

GENERAL REQUIREMENTS

Replace electrical service with new 200 amp, main disconnect, 110/220 volt, 24 circuit panel board, meter socket, weather head, service cable, ground rods and cable. Include replacement of all sub-panels. Caulk exterior service penetration.



Bid Cost: \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_  
Base Quantity Total Cost

# Work Specification

## All Contractor's Project Requirements

## GENERAL REQUIREMENTS

The contractor is responsible for all project requirements, including but not limited to:

All activities required by the City's COVID-19 Precautions for Residential Housing Rehabilitation Activities policy.

Obtaining all permits required. Said permits shall include all items in this scope of work.

Provide temporary toilet facilities from job start until the completion of work.

Provide AS MANY roll-off dumpsters as needed without damaging the site. Collect construction debris using dust control methods. Remove dumpsters and repair any evidence of the dumpster use.

Contractor may haul debris away daily using dump trailers or trucks.

$$\text{Bid Cost: } \frac{\text{Base}}{\text{Quantity}} \times \text{Quantity} = \text{Total Cost}$$

## Combination CO / Smoke Detector Hard Wired

## GENERAL REQUIREMENTS

Install a hard wired combination carbon monoxide and smoke detector with battery back up.

$$\text{Bid Cost: } \frac{\text{Base}}{\text{Quantity}} \times \text{Quantity} = \text{Total Cost}$$

## Smoke Detector Hard Wired

## GENERAL REQUIREMENTS

Install UL approved, interconnected, ceiling mounted smoke and heat detectors permanently wired into a receptacle boxes with battery backups in bedrooms and outside of sleeping areas.

\*\*\*Count is for (2) detectors.

$$\text{Bid Cost: } \frac{\text{Base}}{\text{Quantity}} \times \text{Quantity} = \text{Total Cost}$$

## Replumb Supply Lines

## GENERAL REQUIREMENTS

Remove all existing water supply lines. Install new PEX supply lines to code to service one 3-piece bath, kitchen and laundry area. Insulate exposed hot and cold water lines, installed to code. Repair any wall or ceiling tear out required to install system.

$$\text{Bid Cost: } \frac{\text{Base}}{\text{Quantity}} \times \text{Quantity} = \text{Total Cost}$$

## Exterminate Termites

## GENERAL REQUIREMENTS

Exterminate for termites. Drill and patch foundation and pavement where necessary. Exterminator must be licensed and provide a 1 year guarantee with an optional yearly renewable warranty for the homeowner.

$$\text{Bid Cost: } \frac{\text{Base}}{\text{Quantity}} \times \text{Quantity} = \text{Total Cost}$$

# Work Specification

## See Attached Lead Scope

## GENERAL REQUIREMENTS

All work shall be performed in accordance with applicable regulations and shall meet all applicable building codes. Building permits will be obtained as appropriate. Mecklenburg County requires building permits for Lead Hazard Reduction if the work involves activities subject to permitting under general conducts.

$$\text{Bid Cost: } \frac{\text{Base}}{\text{Quantity}} \times \text{Quantity} = \text{Total Cost}$$

## Removal of Asbestos Containing Materials

## GENERAL REQUIREMENTS

The joint compound on the walls and ceilings is an asbestos containing material (ACM).

Work that may disturb ACM includes but may not be limited to:

- \*cutting of wall board or ceiling board for any reason
- \*removal and installation of showers and tubs
- \*adding electrical outlets, lights, or smoke detectors
- \*installing washer boxes or dryer vents
- \*installing new air returns
- \*paint prep that removes existing paint

The contractor is responsible for identifying activities that disturb ACM and for the proper removal and disposal of all ACM disturbed in the course of working on this project.

If all disturbed ACM materials will fit into one asbestos waste or glove bag, contractor's workers who are properly trained under OSHA Construction Standard Asbestos Regulations 29 CFR 1926.1101 may remove and dispose of the ACM using safe work practices.

If all disturbed ACM materials will not fit into one asbestos waste or glove bag, or if workers are not properly trained, the contractor shall hire a state certified asbestos abatement firm to remove and dispose of the disturbed ACM materials.

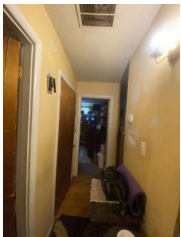
$$\text{Bid Cost: } \frac{\text{Base}}{\text{Quantity}} \times \text{Quantity} = \text{Total Cost}$$

## Prep & Paint Room Flat

## HALL

Remove or cover hardware and accessories not to be painted. Scrape loose, peeling, cracked and blistered areas. Clean oil, grease, fungus, dirt, and dust from surfaces. Fill holes and cracks. Prime all new materials and spot prime existing with acrylic latex. Top coat with owner's choice of low VOC acrylic FLAT latex. Painting shall include walls and any associated trim with SEMI-GLOSS latex. Replace or uncover hardware, fixtures and accessories. Any moving of furniture required shall be included.

\*\*\*Work also includes drywall repair on the wall with the thermostat.



$$\text{Bid Cost: } \frac{\text{Base}}{\text{Quantity}} \times \text{Quantity} = \text{Total Cost}$$

# Work Specification

## Slab Door Interior

## HALL

Install a slab door to existing jamb, mortise in hinges and latch. Hole saw for the hardware. Include new hardware. Locking for bedrooms and bathroom, passage for all others. Match existing style and finish.

\*\*\*Count is for (2) doors, one bedroom door and one closet door.



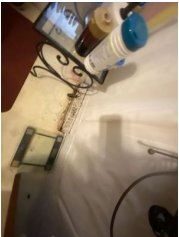
Bid Cost:  $\frac{\text{Base}}{\text{Quantity}} \times \text{Quantity} = \text{Total Cost}$

## Register Cover Install - Entire House

## INTERIOR

Install/replace appropriately sized baseboard return air diffusers with latch-controlled single damper throughout entire house.

\*\*\*Contractor responsible for confirming number of register covers needed.



Bid Cost:  $\frac{\text{Base}}{\text{Quantity}} \times \text{Quantity} = \text{Total Cost}$

## Resilient Flooring

## KITCHEN

Install 25 year warranted resilient floor covering per manufacturer's specifications. Flooring material is to be vinyl interlocking planks and be waterproof. Include transitions and painted or stained wood quarter-round at all perimeters to complete installation.

\*\*\*DO NOT DISTURB existing flooring in pantry as it is an asbestos containing material (ACM). New flooring shall be installed over-top of existing floor in the pantry.

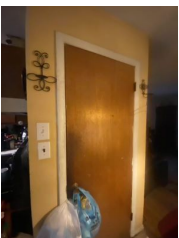


Bid Cost:  $\frac{\text{Base}}{\text{Quantity}} \times \text{Quantity} = \text{Total Cost}$

## Slab Door Interior - Pantry Door

## KITCHEN

Install a slab door to existing jamb, mortise in hinges and latch. Hole saw for the hardware. Include new hardware. Locking for bedrooms and bathroom, passage for all others. Match existing style and finish.



Bid Cost:  $\frac{\text{Base}}{\text{Quantity}} \times \text{Quantity} = \text{Total Cost}$

# Work Specification

## Counter Tops Replace

### KITCHEN

Screw to base cabinet a square edged plastic laminate counter top. Provide end-caps and cutout for sink. Caulk counter top to adjoining walls with low VOC caulking to match wall color. Owner's choice of in-stock color and texture.



Bid Cost:  $\frac{\text{Base}}{\text{Base}} \times \frac{\text{Quantity}}{\text{Quantity}} = \frac{\text{Total Cost}}{\text{Total Cost}}$

## Cabinets Base

### KITCHEN

Replace base cabinets. Cabinets to be constructed of solid maple and plywood. No particle board allowed. See contractor's manual guidelines & specifications for full requirements.

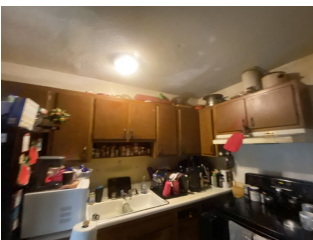


Bid Cost:  $\frac{\text{Base}}{\text{Base}} \times \frac{\text{Quantity}}{\text{Quantity}} = \frac{\text{Total Cost}}{\text{Total Cost}}$

## Cabinets Wall

### KITCHEN

Replace wall cabinets. Cabinets are to be constructed of solid maple and plywood. No particle board allowed. See contractor's manual guidelines & specifications for full requirements.



Bid Cost:  $\frac{\text{Base}}{\text{Base}} \times \frac{\text{Quantity}}{\text{Quantity}} = \frac{\text{Total Cost}}{\text{Total Cost}}$

## Double Bowl Sink Complete

### KITCHEN

Install a 18 gauge 33" x 22" x 8" double bowl, stainless steel, self rimming kitchen sink including a single handle metal body faucet, rated at 2.0 GPM or less, with a 15 year drip- free warranty, P-trap, supply lines, full port ball type shut-off valves & escutcheon plates on all supply & drain lines. No copper compression fittings.

\*\*\*Work includes replacement of under-sink drain lines.



Bid Cost:  $\frac{\text{Base}}{\text{Base}} \times \frac{\text{Quantity}}{\text{Quantity}} = \frac{\text{Total Cost}}{\text{Total Cost}}$

# Work Specification

## Prep & Paint Room Semi Gloss

### KITCHEN

Remove or cover hardware and accessories not to be painted. Scrape loose, peeling, cracked and blistered areas. Clean oil, grease, fungus, dirt, and dust from surfaces. Fill holes and cracks. Prime all new materials and spot prime existing with acrylic latex. Top coat with owner's choice of low VOC acrylic SEMI-GLOSS latex. Painting shall include walls and any associated trim. Replace or uncover hardware, fixtures and accessories. Any moving of furniture required shall be included.

\*\*\*Work includes removal of wallpaper border.



Bid Cost: \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_  
Base Quantity Total Cost

## GFCI Receptacle 20 AMP

### KITCHEN

Install a flush mounted, ground fault circuit interrupted, duplex receptacle and cover plate. Fish wire and repair all tear out as needed.

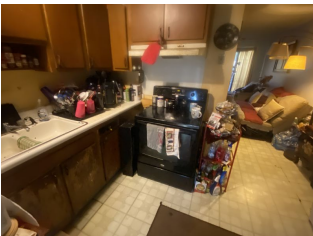
\*\*\*Count is for (2) receptacles.

Bid Cost: \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_  
Base Quantity Total Cost

## Range Hood Exterior Vented

### KITCHEN

Install an exterior ducted enameled range hood with integral controls and light capable of 100 cfm at 70 sones. Attach hood to cabinet with screws. Include metal vent and roof or wall cap/damper assembly, using #14 copper Romex. Owner's choice of color.



Bid Cost: \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_  
Base Quantity Total Cost

## Gas Furnace Replacement

### LIVING ROOM

Install a gas fired, forced air furnace with minimum AFUE rating of 90 or higher to existing plenum and gas line with electronic ignition. Include programmable thermostat, flue pipe and shut-off valve. Size furnace per heat loss analysis. Contractor to furnish Manual J calculations. Dispose of old furnace appropriately.



Bid Cost: \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_  
Base Quantity Total Cost

## Light Fixture - New Installation

### LIVING ROOM

Install a ceiling mounted 2 bulb or wall mounted 4 bulb strip, UL approved, LED light fixture with shade and lamps.

Bid Cost: \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_  
Base Quantity Total Cost

# Work Specification

## Certification

Contractor Name: \_\_\_\_\_

Total Cost: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

LEAD ABATEMENT SCOPE OF WORK

& INSTRUCTIONS TO BIDDERS

19-Aug-22

Address

1915 Herrin St

Complete the following scope of work:

Item #	Feature	Method	Cost Per unit	COST
1	Side A through Side D - white wood fascias, soffits, crown moldings and trim boards	Scrape loose paint and re-paint		
2	Door A1 (to Room 1) - white wood lintel	Scrape loose paint and re-paint		
3	Closet Door B1 and Closet - gray and white wood door, casings, header, hambs and stops and white wood shelves and shelf supports	Replace		
4	Door C1 (to Room 2) - white wood lintel	Scrape loose paint and re-paint		

**Contractors may submit an occupant protection plan on the form provided.**

NOTES:

- 1 Complete all interior work in a unit in a single day.
- 2 Allow for replacement of 50 board feet of rotted wood.
- 3 Unless otherwise noted any window or door removal and replacement includes frame and trim on both sides.
- 4 In lieu of complete removal, window frames may be enclosed with vinyl on exterior in accordance with all project manual requirements.
- 5 Contact Jim Roy to conduct inspections prior to repainting or other putback and after vinyl siding installation.
- 6 Windows being placed in a bathroom need to be tempered glass.

Total Bid

Acknowledgement of Addenda (if any):

Addendum	Date

The undersigned contractor agrees to perform the scope of work for the indicated fee in accordance with applicable regulations and the project manual. The undersigned also certifies that the work will be completed within 60 days of award.

Signature of authorized contractor representative

Contractor Submitting Bid:

Address:

Phone:



ASBESTOS ABATEMENT SCOPE OF WORK  
& INSTRUCTIONS TO BIDDERS

Address

1-Jul-22

2818 Beech Nut Rd

Complete the following scope of work:

Item #	Feature	Method	Cost Per unit	COST
1	Bathroom - demolition and removal of existing shower, wallpaper removal and associated wall repair	Joint compound material will become friable during demolition and removal of shower, and therefore would be a Regulated Asbestos Containing Material (RACM). A Licensed NC Abatement Contractor should complete the joint compound removal prior to this demolition work.		
2	Kitchen - demolition and removal of existing wall and base cabinets, counter top and range hood and associated wall repair	Joint compound material will become friable during demolition and removal of cabinets, counter top and range hood, and therefore would be a Regulated Asbestos Containing Material (RACM). A Licensed NC Abatement Contractor should complete the joint compound removal prior to this demolition work.		
		Recommend completion of an Asbestos Abatement Project Design by a Licensed NC Accredited Asbestos Project Designer prior to abatement activities.		

NOTE:

- 1 Post-job air clearance to be completed by the City at the City's expense. Do not include air monitoring or clearance in your price.

Total Bid

Acknowledgement of Addenda (if any):

Addendum	Date

The undersigned contractor agrees to perform the scope of work for the indicated fee in accordance with applicable regulations and the project manual. The undersigned also certifies that the work will be completed within 60 days of award.

Signature of authorized contractor representative

Contractor Submitting Bid:

Address:

Phone:

**LEAD-BASED PAINT INSPECTION AND  
RISK ASSESSMENT REPORT  
1915 HERRIN AVENUE  
CHARLOTTE, NORTH CAROLINA 28205**



**Owner:**  
**Mattie Williams**  
**1915 Herrin Avenue**  
**Charlotte, North Carolina 28205**  
**704.493.4693**

**Prepared for:**  
**City of Charlotte**  
**600 East Trade Street**  
**Charlotte, North Carolina 28202**  
**704.336.2911**

**Prepared by:**  
**ROY CONSULTING GROUP CORPORATION**  
**PROJECT #67-090919**

*James E. Roy, Jr.*  
James E. Roy, Jr.  
NC Inspector/Risk Assessor-#120134

*Patricia P. Roy*  
Patricia P. Roy  
President

# ROY CONSULTING GROUP CORPORATION

9823 BALMORAL CIRCLE  
CHARLOTTE, NORTH CAROLINA 28210  
PHONE: 704.968.4111 FAX: 704.553.9458

July 25, 2022

Ms. Diane Adams  
City of Charlotte  
Housing Services Division  
600 East Trade Street  
Charlotte, North Carolina 28202-2850  
704.336.2911

Subject: **LEAD-BASED PAINT INSPECTION AND RISK ASSESSMENT REPORT  
1915 HERRIN AVENUE  
CHARLOTTE, NORTH CAROLINA 28205  
OWNER: MATTIE WILLIAMS – 704.493.4693  
ROY CONSULTING GROUP CORPORATION PROJECT #67-090919**

Dear Ms. Adams:

As authorized by Contract Number 2020000320 between the City of Charlotte and Roy Consulting Group Corporation (Roy Consulting Group) effective August 13, 2019, we are pleased to submit this Lead-Based Paint Inspection and Risk Assessment Report for the subject property location. The report summarizes our on-site investigation and procedures, SciAps X-550 (XRF) test results, dust wipe and soil sample results and our conclusions and recommendations based on the data collected. **Lead-based paint was identified at concentrations greater than or equal to 1.0 mg/cm<sup>2</sup> (milligram per centimeter squared) during this inspection. Lead-based paint dust and soil hazards were not identified at or above the U.S. Department of Housing and Urban Development (HUD) and Environmental Protection Agency (EPA) action levels during this risk assessment.**

## 1.0 INTRODUCTION

The subject property is a single-story, single-family, vinyl-sided and painted brick exterior, residential condominium (house) with asphalt shingle roof and crawlspace. The house was constructed in 1964. The house was occupied at the

time of the inspection.

Mr. Jim Roy, Certified North Carolina Lead-Based Paint Inspector/Risk Assessor, Number 120134, performed the lead-based paint inspection and risk assessment services on July 14, 2022. The location of the subject property, access to the subject property and an explanation of the areas to be assessed were provided by the City of Charlotte. The work was completed as documented in Appendix A - Methodology.

## 2.0 FINDINGS FOR LEAD-BASED PAINT INSPECTION

Testing for the presence of lead-based paint was completed using the XRF. For paint to be considered "Lead-Based Paint," the paint must contain lead concentrations of 0.5% by weight or greater or contain lead concentrations of 1.0 mg/cm<sup>2</sup> or greater under the HUD guidelines and the EPA regulations. Please note that detectable lead quantities less than 1.0 mg/cm<sup>2</sup> may constitute a lead dust hazard even though it is not considered a lead-based paint. **Lead-based paint was detected at concentrations greater than 1.0 mg/cm<sup>2</sup> during this inspection as identified below.** Lead-based paint deteriorated above the HUD risk assessment de minimis levels of 20-2-10 (20 square feet of paint on exterior building - 2 square feet of paint per room and room equivalent - 10% of total surface area on an interior or exterior component with small surface area) was detected at the time of the inspection.

### 2.1 LOCATIONS OF EXTERIOR LEAD-BASED PAINT

<b>LOCATION AND DESCRIPTION OF DETERIORATED LEAD-BASED PAINT – EXTERIOR (WORK REQUIRED AT THIS TIME – SEE SECTION 4.0)</b>
<u>Side A through Side D</u> – white wood fascias, soffits, crown moldings and trim boards
<u>Door A1 (to Room 1)</u> – white wood lintel
<u>Closet Door B1 and Closet</u> – gray and white wood door, casings, header, jambs and stops and white wood shelves and shelf supports
<u>Door C1 (to Room 2)</u> – white wood lintel

## 2.2 LOCATIONS OF INTERIOR LEAD-CONTAINING ITEMS

<b>LOCATION AND DESCRIPTION OF INTACT LEAD-CONTAINING ITEMS – INTERIOR (NO WORK REQUIRED AT THIS TIME)</b>
<u>Room 3 – Side B through Side D and Window C1</u> – pink ceramic tile shower/tub walls and window sill (lead likely contained within the matrix of the tile or in the tile glaze)

**Note: The exterior wood closet walls are coated with lead-containing paint. These components may have been originally painted with lead-based paint and scraped and re-painted at a later time. These items may also have been painted with paint that contained levels of lead below 1.0 mg/cm<sup>2</sup>.**

Note: Based on HUD guidelines, the sides of the house, including the windows, doors, and cabinets, are identified by letter. The A-side of the house is the side facing the road and is typically the location of the main entrance door to the house. The remaining three sides of the house are denoted with letters B through D moving clockwise from the front of the house. Exterior windows throughout the house are additionally identified by a number, beginning with number one, which identifies the window on the farthest right side of the exterior wall. The next window moving toward the left is window two, etc. Thus, the far right window on wall A or A-side is window A1, the second window moving to the left is A2, the third window is A3, etc. When windows exist on a second floor, the window label will have the floor number in front of the letter. Thus, the farthest right window on the second floor wall A or A-side is 2A1. Exterior doors are identified with the same numbering system. Interior doors and windows are numbered similarly, however the numbering is specific to the room. Thus, several rooms may have door A1 which would be the far right door on wall A or A-side (when looking at the room from the front of the house). Also, lead-based paint may exist under an exposed substrate. Thus, if a substrate is identified as containing lead-based paint, yet is unpainted, lead-based paint may exist beneath the exposed substrate (i.e., paint under vinyl siding).

The HUD Residential Questionnaire – Form 5.0 (only provided if occupant was present at the time risk assessment was completed), Building Condition Form – Form 5.1, Paint Condition on Selected Surfaces Form – Form 5.2, Field Sampling Form for Dust – Form 5.4, and Field Sampling Form for Soil – Form 5.5 are located in Appendix B. A floor plan and sample location map are included in Appendix C.

For a list of surfaces tested and the XRF results, refer to the complete XRF Testing Report contained in Appendix D.

### 3.0 FINDINGS FOR LEAD-BASED PAINT RISK ASSESSMENT

#### 3.1 Single Surface Lead Wipe Sample Results

A table summarizing lead wipe sampling performed at the subject property is presented below. The HUD and EPA lead dust hazard levels for lead dust in a surface wipe sample is  $\geq 10$  micrograms per square foot ( $\mu\text{g}/\text{ft}^2$ ) for interior floors and  $\geq 100 \mu\text{g}/\text{ft}^2$  for interior windowsills.

SAMPLE NUMBER	ROOM NUMBER	SURFACE TYPE	LEAD CONTENT ( $\mu\text{g}/\text{ft}^2$ )
1915 – FW01	1	Floor	<5
1915 – FW02	2	Floor	<5
1915 – FW03	3	Floor	<5
1915 – FW04	5	Floor	<5
1915 – FW05	FIELD BLANK	Not Applicable	<5
1915 – WW01	1	Windowsill	<6
1915 – WW02	4	Windowsill	41.79
1915 – WW03	3	Windowsill	<6.40
1915 – WW04	5	Windowsill	<6

The concentrations of lead identified in the samples during laboratory analysis were below the EPA and HUD levels for lead dust. Lead-based paint dust hazards were not identified at or above the HUD or the EPA action levels during this risk assessment.

Laboratory analytical results of the field blank sample obtained from the site indicates lead was not identified in the sample above detectable levels and contamination of individual samples by the inspector or cross-contamination of samples during transportation did not occur.

#### 3.2 Composite Soil Sample Results

A table summarizing the results of the soil sample(s) collected at the subject property is presented below. The HUD and EPA level of concern for lead in soil is  $\geq 400$  milligrams per kilogram ( $\text{mg}/\text{kg}$ ) for high contact play areas and  $\geq 1,200$

mg/kg for other residential yard areas.

SAMPLE NUMBER	LOCATION	BARE OR COVERED	LEAD CONTENT (mg/kg)
1915 – SOIL1	Drip Line	Bare	82.74

**Note: micrograms per gram (ug/g) = mg/kg**

Based on laboratory results, the composite soil sample obtained from the drip line contained a lead level below the EPA and HUD regulated concentrations for lead in soil.

A copy of the laboratory analytical results and chain-of-custody sheets are located in Appendix E.

#### 4.0 RECOMMENDATIONS

Roy Consulting Group recommends deteriorated lead-based paint identified during this inspection be abated or remediate prior to any renovation or demolition activities. **Roy Consulting Group recommends that a lead-based paint project design be completed by a North Carolina certified and accredited lead-based paint project designer prior to completion of any lead abatement or remediation work.** The lead-based paint abatement/remediation should be performed in accordance with EPA and Occupational Safety and Health Administration (OSHA) requirements by a state certified contractor. **In addition, as of January 1, 2010, contractors/maintenance workers performing renovation, repair and painting activities that disturb lead-based paint in homes, child care facilities, and schools built before 1978 must be certified and must follow specific work practices to prevent lead contamination in most situations. Firms performing renovation, repair, and painting projects that disturb lead-based paint in pre-1978 homes, child care facilities and schools must be certified by the State of North Carolina and must use certified renovators who are trained by North Carolina-approved training providers to follow lead-safe work practices.**

Roy Consulting Group recommends the following options for treatment of identified deteriorated lead-based paints. Any of the options listed in the table below should reduce or eliminate potential hazards.

LOCATION AND DESCRIPTION OF DETERIORATED LEAD-BASED PAINT – EXTERIOR	RECOMMENDED ACTION
<u>Side A through Side D</u> – white wood fascias, soffits, crown moldings and trim boards	1/Cover wood with tyvek and aluminum or vinyl.
	2/Scrape loose paint and re-paint.
<u>Door A1 (to Room 1)</u> – white wood lintel	1/Cover with tyvek and aluminum or vinyl.
	2/Scrape loose paint and re-paint.
<u>Closet Door B1 and Closet</u> – gray and white wood door, casings, header, jambs and stops and white wood shelves and shelf supports	1/Replace.
	2/Make smooth and operable, scrape loose paint and re-paint.
<u>Door C1 (to Room 2)</u> – white wood lintel	1/Cover with tyvek and aluminum or vinyl.
	2/Scrape loose paint and re-paint.

Dust removal should be completed after the source of the dust is controlled. Dust containing lead resulting from abrasion on friction and impact surfaces that are painted can be reduced by thoroughly cleaning the surfaces, covering the surfaces with an abrasion resistant material that will eliminate friction or impact, or by repairing the component to good working condition that reduces dust production. Each form of interim control requires continued inspection and monitoring. Once the interim controls or abatement measures have been completed, the property should be properly cleaned using High Efficiency Particulate Arrestor (HEPA) technology and wet wiping methods.

Following remediation and proper cleaning, a lead-based paint clearance inspection should be completed that includes visual inspection and analysis of dust wipe samples. The clearance samples may not be collected from the same room or component that was found to contain lead; therefore, all surfaces should be prepared for clearance sampling.

Paint films usually have varying amounts of lead on what appears to be a homogeneous painted area. Caution should always be used during demolition or renovation operations to prevent potential lead exposure. Additionally, mechanical disturbance (sanding, grinding) of the lead-based paint should be avoided.



## **5.0 DISCLOSURE**

As required by Section 0.0808 of the North Carolina Lead-Based Paint Hazard Management Program, a summary of the lead-based paint inspection activities performed at the site has been forwarded to the North Carolina Department of Health and Human Services – Health Hazards Control Unit.

According to Federal Law (24 CFR part 35 and 40 CFR part 745), a copy of this summary must be provided by owners or landlords (lessors) to new tenants and/or purchasers of this property before they become obligated under a lease or sales contract. The entire report must also be provided to new purchasers and be made available to new tenants. Landlords (lessors) and sellers are also required to distribute an educational pamphlet, including standard warning language in their leases or sales contracts to ensure that parents have the information necessary to protect their children from lead-based paint hazards.

## **6.0 QUALIFICATIONS**

This report summarizes Roy Consulting Group's evaluation of the conditions observed at the subject property during the course of this inspection and risk assessment to identify lead-based paints. Our findings are based upon our observations at the property and sampling performed at the time of the inspection activities. Additional lead-based paints may exist in other portions of the property but were undetected due to inaccessibility or due to an imperceptible change in paints. Any conditions discovered which deviate from the data contained in this report should be presented to us for our evaluation. The information contained in this report is based upon the data furnished by the City of Charlotte and observations and test results provided by Roy Consulting Group. These observations and results are time-dependent and are subject to changing site conditions and revisions to federal, state, and local regulations.

This report was prepared pursuant to the contract Roy Consulting Group has with the City of Charlotte. That contractual relationship included an exchange of information about the property that was unique and between Roy Consulting Group and the City of Charlotte and serves as the basis upon which this report was prepared. Because of the importance of the communication between Roy Consulting Group and the City of Charlotte, reliance or any use of this report by anyone other than the City of Charlotte for whom it was prepared and the

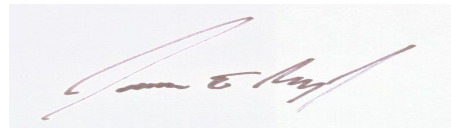
property owner of this property is prohibited and therefore, not foreseeable by Roy Consulting Group.

Reliance or use by any such third party without explicit authorization in the report does not make said third party a third party beneficiary to Roy Consulting Group's contract with the City of Charlotte. Any such unauthorized reliance on or use of this report, including any of its information or conclusions, will be at the third party's risk. For the same reasons, no warranties or representations, expressed or implied in this report, are made to any such third party.

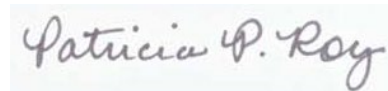
We appreciate this opportunity to provide professional services for this project. If we can be of further assistance, or if you have any questions concerning this report, please do not hesitate to call us at 704.968.4111.

Sincerely,

**ROY CONSULTING GROUP CORPORATION**



James E. Roy, Jr.  
NC Inspector/Risk Assessor-#120134  
Principal



Patricia P. Roy  
President

Appendices

Appendix A	Methodology
Appendix B	HUD Evaluation Forms
Appendix C	Floor Plan and Sample Location Map
Appendix D	XRF Testing Report
Appendix E	Laboratory Analytical Results and Chain-of-Custody Sheet
Appendix F	Photos

**APPENDIX A**  
**METHODOLOGY**

## PROJECT METHODOLOGY

The lead-based paint inspection was conducted in general accordance with EPA work practice standards for conducting lead-based paint activities (40 CFR 745.227), Lead-Based Paint Poisoning Prevention In Certain Residential Structures (24 CFR Part 35), and the U.S. Department of Housing and Urban Development (HUD) *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* (Guidelines). Roy Consulting Group is a North Carolina Certified Lead Firm – No. FPB-0186.

### Methodology for Lead-Based Paint Inspection

A lead-based paint inspection, as defined by 40 CFR 745.223 and 29 CFR Part 35, is a surface-by-surface investigation to determine the presence of lead-based paint and the provisions of a report explaining the results of the investigation. The lead-based paint inspection began with our inspector/risk assessor walking the subject property and documenting room equivalents, testing combinations and selecting test locations. After the testing strategy was determined, Roy Consulting Group used SciAps X-550, serial number 505-00713, to determine the lead content in mg/cm<sup>2</sup> of selected painted surfaces on the subject property building(s).

### Methodology for Lead-Based Paint Risk Assessment

After delineating lead-based paints at the subject property, Roy Consulting Group performed a risk assessment. A lead-based paint risk assessment is defined as an on-site investigation to determine and report the existence, nature, severity, and location of lead-based paint hazards in housing and the provisions of a report explaining the results of the investigation and options for reducing lead-based paint hazards identified, as defined by 40 CFR 745.223, the Toxic Substances Control Act (TSCA), Title IV, Section 401 and 29 CFR Part 35.

The risk assessor first completed HUD Form 5.0 – Resident Questionnaire with the current resident of the house provided the resident was present at the time of the risk assessment. The risk assessor next completed an on-site evaluation of the house's current conditions and the conditions of existing paints. Single-surface wipe samples and soil sample(s) were collected from the subject property during this risk assessment. The single-surface lead dust wipe samples and the composite soil sample(s) were collected in accordance with HUD guidelines and EPA and/or state regulations. The samples were collected and immediately placed in clean containers and sealed. The samples were transported under chain-of-custody to Accurate Analytical Testing LLC (AAT) located in Romulus, Michigan. AAT is a member of the Environmental Lead Laboratory Accreditation Program (ELLAP) and certified by American Industrial Hygiene Association – AIHA Lab ID: 100986. The single-surface lead dust wipe samples and the composite soil sample(s) were analyzed for total lead according to EPA Method SW-846 7420 for lead.

**APPENDIX B**

**HUD EVALUATION FORMS**

**Roy Consulting Group Corporation**  
**Lead-Based Paint Risk Assessment**  
**Form 5.0**

**Questionnaire for a Lead Hazard Risk Assessment of an Individual Occupied Dwelling Unit**  
(Page 1 of 2)

Property Address \_\_\_\_\_ **1915 Herrin** \_\_\_\_\_

Apt. No. \_\_\_\_\_ Unit is Owner occupied ☒ Renter occupied \_\_\_\_\_

Year of construction \_\_\_\_\_ 1954 \_\_\_\_\_ Prior LBP testing? Yes \_\_\_\_\_ No ☒

Name of owner interviewed \_\_\_\_\_ Williams \_\_\_\_\_ Owner interview date: 7/14/22 \_\_\_\_\_

Name of resident interviewed (if rental unit) \_\_\_\_\_ Interview date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Name of risk assessor \_\_\_\_\_ J Roy \_\_\_\_\_

**Children and Children's Habits**

1. Do any children under age 6 live in the home or visit frequently? Yes \_\_\_\_\_ No ☒ \_\_\_\_\_  
(If no children under age 6, skip to Question 5.)

2. If yes, how many? \_\_\_\_\_ Ages? \_\_\_\_\_

3. Location of the rooms/ areas where each child sleeps, eats, and plays.

	Child 1	Child 2	Child 3	Child 4
(a) Age:				
(b) Blood lead level				
(c) Month/year of blood lead test:				
(d) Location of bedroom:				
(e) Main room where child eats:				
(f) Main room where child plays:				
(g) Main room where toys are stored:				
(h) Main locations where child plays outdoors:				

*(If a resident child under age 6 has had an elevated blood lead level, an environmental investigation may be necessary [see Chapter 16 of the HUD Guidelines].)*

4. (a) Do any children tend to chew on any painted surfaces, such as interior window sills? Yes \_\_\_\_\_ No \_\_\_\_\_

(b) If yes, where? \_\_\_\_\_

**Form 5.0**  
**Questionnaire for a Lead Hazard Risk Assessment of an Individual Occupied Dwelling Unit**  
(Page 2 of 2)

**Other Household Information and Family Use Patterns**

5. Do women of child-bearing age live in the home? Yes\_\_\_\_ No X
6. If this home is in a building with other dwelling units, what common areas in the building are used by children?  
\_\_\_\_\_
7. (a) Which entrance is used most frequently? A1
- (b) What other entrances are used frequently? C1
8. Which windows are opened most frequently? none
9. (a) Do you use window air conditioners?\* Yes\_\_\_\_ No X
- (b) If yes, where? \_\_\_\_\_
- \*Condensation underneath window air conditioners often causes paint deterioration.*
10. (a) Do you or any other household members garden? Yes\_\_\_\_ No X
- (b) If yes, where is the garden? \_\_\_\_\_
11. (a) Are you planning any landscaping activities that will remove grass or ground covering? Yes\_\_\_\_ No X
- (b) If yes, where? \_\_\_\_\_
12. (a) Which areas of the home get cleaned regularly? throughout
- (b) Which areas of the home do not get cleaned regularly? \_\_\_\_\_
13. (a) Are any household members exposed to lead at work? Yes\_\_\_\_ No X  
(If no, go to question 14.)
- (b) If yes, are dirty work clothes brought home? Yes\_\_\_\_ No\_\_\_\_
- (c) If they are brought home, who handles dirty work clothes and where are they placed and cleaned?  
\_\_\_\_\_

14. (a) Do you have pets? Yes X No\_\_\_\_
- (b) If yes, do these pets go outdoors? yes

**Building Renovations**

15. (a) Were any building renovations or repainting done here during the past year? Yes\_\_\_\_ No X
- (b) If yes, what work was done, and when? \_\_\_\_\_
- (c) Were carpets, furniture and/or family belongings present in the work areas? Yes\_\_\_\_ No\_\_\_\_
- (d) If yes, which items and where were they? \_\_\_\_\_
- (e) Was construction debris stored in the yard? Yes\_\_\_\_ No\_\_\_\_
- (f) If yes, please describe what, where and how was it stored. \_\_\_\_\_
16. (a) Are you conducting or planning any building renovations? Yes X No\_\_\_\_
- (b) If yes, what work will be done, and when? \_\_\_\_\_ throughout \_\_\_\_\_

**Roy Consulting Group Corporation**  
**Lead-Based Paint Risk Assessment**  
**Form 5.1**  
**Building Condition Form for Lead Hazard Risk Assessment**

Property address 1915 Herrin Apt. No.           

Name of property owner Williams

Name of risk assessor J Roy Date of assessment: 7 / 14 / 22

Condition	Yes	No	Comments
Roof missing parts of surfaces (tiles, boards, shakes, etc.)		X	
Roof has holes or large cracks		X	
Gutters or downspouts broken		X	
Chimney masonry cracked, bricks loose or missing, obviously out of plumb		X	
Exterior or interior walls have obvious large cracks or holes, requiring more than routine pointing (if masonry) or painting		X	
Exterior siding has missing boards or shingles		X	
Water stains on interior walls or ceilings		X	
Walls or ceilings deteriorated		X	
More than "very small" amount of paint in a room deteriorated*	X		
Two or more windows or doors broken, missing, or boarded up		X	
Porch or steps have major elements broken, missing, or boarded up		X	
Foundation has major cracks, missing material, structure leans, or visibly unsound		X	
Total Number**	1	11	

\* The "very small" amount is the *de minimis* amount under the HUD Lead Safe Housing Rule (24 CFR 35.1350(d)), or the amount of paint that is not "paint in poor condition" under the EPA lead training and certification ("402") rule (40 CFR 745.223).

\*\*If the "Yes" column has any checks, the dwelling is usually considered not to be in good condition for the purposes of a risk assessment, and conducting a lead hazard screen is not advisable. However, specific conditions and extenuating circumstances should be considered before determining the final condition of the dwelling and the appropriateness of a lead hazard screen. If the "Yes" column has any checks, and a lead hazard screen is to be performed, describe, below, the extenuating circumstances that justify conducting a lead hazard screen.

Notes (including other conditions of concern):



# Roy Consulting Group Corporation

## Lead-Based Paint Risk Assessment

### Form 5.2

#### Report of Visual Assessment (for Lead Hazard Risk Assessment)

Property address 1915 Herrin Apt. No.          Page 1 of 1

Name of property owner Williams

Name of risk assessor J Roy Date of assessment: 7 / 14 / 22

Area Description		Deteriorated Lead-Based Paint			Friction or Impact Surface? (F or I)	Visible Teeth Marks? (Y or N)	Paint Testing Results <sup>4</sup>	Notes [e.g., paint testing (e.g., XRF, lab analysis) indicates paint is or is not lead-based paint; cause(s) of hazard control failures]
Location of Building Component, Dust or Bare Soil	Building Component, Dust, or Bare Soil Play Area/ Non-Play Area	Area (sq. ft.)	Is Area Small? <sup>2</sup> (Y or N)					
Exterior	Building Siding							
Exterior	Exterior Trim	300	N	Age, moisture		N	See report	
Exterior	Exterior Windows							
Exterior	Exterior Doors	40	N	Age, moisture	F&I	N	See report	
Exterior	Railings							
Exterior	Porch Floors							
Exterior	Other Surfaces	6	N	Age, moisture	F&I	N	See report	
Interior	Interior Doors							
Interior	Ceilings							
Interior	Walls							
Interior	Interior Windows							
Interior	Interior Floors							
Interior	Interior Trim							
Interior	Stairways							
Interior	Radiator							
Interior	Kitchen Cabinets							
Interior	Bathroom Cabinets							
Interior	Other Surfaces:							

<sup>1</sup>Include room equivalent or exterior side or wall, as appropriate.

<sup>2</sup>Lead-safe work practices and clearance/cleaning verification are not required if work does not disturb painted surfaces that total more than

\*For assisted housing: HUD's *de minimis* area of 20 ft<sup>2</sup> or less on exterior surfaces, 2 ft<sup>2</sup> or less in any one interior room or space, or 10 percent of the total surface area on an interior or exterior type of component with a small surface area (such as trim, window sills, baseboards)

\*For unassisted housing, and for child-occupied facilities, EPA's minor repair and maintenance activities threshold of 6 ft<sup>2</sup> or less per room or 20 ft<sup>2</sup> or less for exterior activities; provided that no prohibited or restricted work practices were used and no window replacement or demolition of painted surface areas is to be done.

<sup>3</sup>Common causes of paint deterioration are: moisture (indicate source if apparent), mildew, friction or abrasion, impact, damaged or deteriorated substrate, and severe heat.

<sup>4</sup>If paint testing results are obtained on site, use this column to record the result. If a paint chip sample is sent to the laboratory, use this column to record the sample number (or other unique identifier) as a reference to another record containing the sampling data and laboratory results.

**Roy Consulting Group Corporation**  
**Lead-Based Paint Risk Assessment**  
**Form 5.4a**

**Field Sampling Form for Dust (Single-Surface Sampling)**

(Use a separate form for each housing unit, common area, or exterior. Sample all layers of paint, not just deteriorated paint layers.)

Property address 1915 Herrin Page 1 of 1

Name of property owner Williams Apt. No.  Common Area, Housing Unit, or Exterior No.

Name of risk assessor J Roy Date of assessment: 7 / 14 / 22

Sample Number	Room or Entryway	Surface Type <sup>1</sup>	Exact Location of Wipe Sample	Is surface smooth & cleanable?	Sample Area <sup>2</sup> (inches x inches)	Sample Area <sup>3</sup> (ft <sup>2</sup> )	Lab Result <sup>4</sup> (µg /ft <sup>2</sup> )	Notes
1915 -FW01	1	HF	See floor plan	No	12"x12"	See report	See report	
1915 -FW02	2	HF	See floor plan	No	12"x12"	See report	See report	
1915 -FW03	3	HF	See floor plan	Yes	12"x12"	See report	See report	
1915 -FW04	5	HF	See floor plan	Yes	12"x12"	See report	See report	
1915 -FW05	Field Blank							
1915 -WW01	1	S	See floor plan	Yes	4"X30"	See report	See report	
1915 -WW02	4	S	See floor plan	Yes	4"X30"	See report	See report	
1915 -WW03	3	S	See floor plan	Yes	4 1/2"X25"	See report	See report	
1915 -WW04	5	S	See floor plan	Yes	4"X30"	See report	See report	

<sup>1</sup> Hard Floor (HF), Carpeted Floor (CF), or Interior Window Sill (S)

<sup>2</sup> Measure to the nearest 1/8th or 1/10th of an inch. [1/8 = 0.125, 2/8 = 0.25, 3/8 = 0.375, 4/8 = 0.5, 5/8 = 0.625, 6/8 = 0.75, 7/8 = 0.875]

<sup>3</sup> Calculate sample area in square feet as follows: Calculate square inches, then divide by 144.

<sup>4</sup> Provide areas, direct laboratory to report the dust lead result in µg/ft<sup>2</sup>.

NOTE: EPA standards: 10 µg/ft<sup>2</sup> (interior floors); 100 µg/ft<sup>2</sup> (interior window sills) for Risk Assessment

Total number of samples on this page 9 Date of sample collection 7 / 14 / 22

Shipped to lab by  /  /  (signature and date)

Received by  /  /  (signature and date)

Reviewed by  /  /  (signature and date)

Date results reported by lab  /  /  Reviewed by

**Roy Consulting Group Corporation**  
**Lead-Based Paint Risk Assessment**  
**Form 5.5**  
**Field Sampling Form for Soil**

(Composite sampling only. Use a separate form for each residential building in a multi-building property.)

Property address 1915 Herrin Page 1 of 1

Name of property owner Williams

Name of risk assessor J Roy Date of completion of this form: 7 / 14 / 22

Type of Area Sampled	Sample Number	Location of Composite Sample(s)	Approximate Area of Bare Soil Represented by Composite Sample (ft. <sup>2</sup> )	Laboratory Results (ppm or µg /g)
Bare Soil in Play areas				
Bare Soil in Non-play areas in Dripline/ Foundation area	1915 -SOIL1	House drip line	250	See Report
Bare Soil in Non-play Areas in the Rest of the Yard				
Weighted average of soil-lead concentration in non-play areas of dripline/foundation areas and the rest of the yard:				

NOTE: EPA hazard standard for bare play area soil is 400 ppm or µg/g; for bare non-play area soil is 1,200 ppm or µg/g.

Total number of samples on this page 1 Date of sample collection 7 / 14 / 22

Shipped to lab by \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ (signature and date)

Received by \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ (signature and date)

Reviewed by \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ (signature and date)

Date results reported by lab \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ Reviewed by \_\_\_\_\_

**APPENDIX C**

**FLOOR PLAN AND SAMPLE LOCATION MAP**



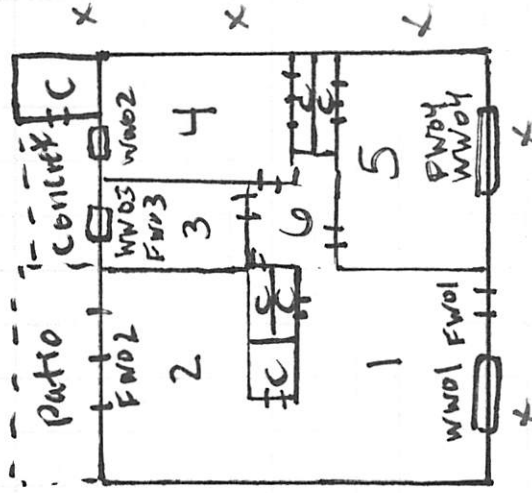
# ROY CONSULTING GROUP CORPORATION

Providing integrated environmental and geotechnical solutions

1915 Herrin Avenue

Charlotte, NC 28205

SIDE C



SIDE B

SIDE D

## Legend

- = Window
- = Door
- X = Soil Sample Location

SIDE A

NOT TO SCALE

**APPENDIX D**

**XRF TESTING REPORT**

**The lead-based paint XRF inspection report data is provided in the following section:**

**Section 1 – Sequential Report of Lead-Based Paint Inspection**  
**Detailed report of LBP samples in the order collected.**

**Based on the request of the City of Charlotte, paint conditions in this report have been documented as either INTACT (I) or Poor (P) where I is paint with no deterioration and P is deteriorated paint. Deteriorated paint means any interior or exterior paint or other surface coating that is peeling, chipping, chalking or cracking, or any paint or surface coating located on an interior or exterior surface or fixture that is otherwise damaged or separated from the substrate.**

Company: SciAps

Model: X-550

Type: XRF Lead Paint Analyzer

Serial Number 505-00713

Action Level 1.0 mg/cm2 (Quick Mode)

Address: 1915 Herrin Avenue, Charlotte, NC 28205

Date Completed: July 14, 2022

Time Completed: 09:51-11:27

Read N	RmLoc	RmNur	RmName	Wall	Structure	Location	Member	Paint	Substrate	Color	Lead mg/cm2
1	Interior		Calibration								1.04
2	Interior		Calibration								1.01
3	Interior		Calibration								1.02
4	Exterior	1		A	Wall	L Ctr		I	Brick	Gray	ND
5	Exterior	1		C	Wall	L Ctr		I	Brick	Gray	ND
6	Exterior	1		D	Wall	L Ctr		I	Brick	Gray	ND
<b>7</b>	<b>Exterior</b>	<b>1</b>		<b>A</b>	<b>Fascia</b>	—	—	<b>D</b>	<b>Wood</b>	<b>White</b>	<b>1.04</b>
<b>8</b>	<b>Exterior</b>	<b>1</b>		<b>A</b>	<b>Fascia</b>	—	—	<b>D</b>	<b>Wood</b>	<b>White</b>	<b>1.84</b>
<b>9</b>	<b>Exterior</b>	<b>1</b>		<b>A</b>	<b>Soffit</b>	—	—	<b>D</b>	<b>Wood</b>	<b>White</b>	<b>1.46</b>
<b>10</b>	<b>Exterior</b>	<b>1</b>		<b>A</b>	<b>Trim Board</b>	<b>Ctr</b>	—	<b>D</b>	<b>Wood</b>	<b>White</b>	<b>1.54</b>
<b>11</b>	<b>Exterior</b>	<b>1</b>		<b>C</b>	<b>Fascia</b>	—	—	<b>D</b>	<b>Wood</b>	<b>White</b>	<b>1.22</b>
<b>12</b>	<b>Exterior</b>	<b>1</b>		<b>C</b>	<b>Soffit</b>	—	—	<b>D</b>	<b>Wood</b>	<b>White</b>	<b>1.29</b>
<b>13</b>	<b>Exterior</b>	<b>1</b>		<b>C</b>	<b>Trim Board</b>	<b>Rgt</b>	—	<b>D</b>	<b>Wood</b>	<b>White</b>	<b>1.86</b>
<b>14</b>	<b>Exterior</b>	<b>1</b>		<b>D</b>	<b>Fascia</b>	—	—	<b>D</b>	<b>Wood</b>	<b>White</b>	<b>1.04</b>
<b>15</b>	<b>Exterior</b>	<b>1</b>		<b>D</b>	<b>Soffit</b>	—	—	<b>D</b>	<b>Wood</b>	<b>White</b>	<b>1.16</b>
16	Exterior	1		A	Window	Rgt	Sill	I	Brick	Gray	ND
17	Exterior	1		A	Window	Rgt	Sash	I	Aluminum	N/A	ND
18	Exterior	1		A	Window	Lft	Sill	I	Brick	Gray	ND
19	Exterior	1		A	Window	Lft	Sash	I	Aluminum	N/A	ND
20	Exterior	1		C	Stairs	Rgt	Treads	D	Brick	Gray	ND
21	Exterior	1		C	Stairs	Rgt	Railing cap	D	Metal	Black	ND
22	Exterior	1		C	Railing	Rgt	Railing	D	Metal	Black	ND
23	Exterior	1		C	Door	Rgt	Rgt casing	I	Wood	N/A	0.04
24	Exterior	1		C	Door	Rgt	Rgt jamb	I	Metal	White	0.05
25	Exterior	1		C	Door	Rgt	L Rgt	I	Metal	White	ND
<b>26</b>	<b>Exterior</b>	<b>1</b>		<b>C</b>	<b>Lintel</b>	<b>Rgt</b>		<b>D</b>	<b>Wood</b>	<b>White</b>	<b>1.22</b>
27	Exterior	1		C	Window	Ctr	Sill	I	Brick	Gray	ND
28	Exterior	1		C	Window	Ctr	Sash	I	Aluminum	N/A	ND
29	Exterior	1		C	Window	Lft	Sill	D	Brick	Gray	ND
30	Exterior	1		C	Window	Lft	Sash	I	Aluminum	N/A	0
<b>31</b>	<b>Exterior</b>	<b>1</b>		<b>B</b>	<b>Closet</b>	<b>Lft</b>	<b>Door Casing</b>	<b>D</b>	<b>Wood</b>	<b>Gray</b>	<b>1.17</b>
<b>32</b>	<b>Exterior</b>	<b>1</b>		<b>B</b>	<b>Closet</b>	<b>Lft</b>	<b>Door</b>	<b>D</b>	<b>Wood</b>	<b>Gray</b>	<b>1</b>
<b>33</b>	<b>Exterior</b>	<b>1</b>		<b>B</b>	<b>Closet</b>	<b>Lft</b>	<b>Door Jamb</b>	<b>D</b>	<b>Wood</b>	<b>White</b>	<b>1.74</b>
<b>34</b>	<b>Exterior</b>	<b>1</b>		<b>B</b>	<b>Closet</b>	<b>Lft</b>	<b>Shelf</b>	<b>D</b>	<b>Wood</b>	<b>White</b>	<b>1.14</b>
<b>35</b>	<b>Exterior</b>	<b>1</b>		<b>B</b>	<b>Closet</b>	<b>Lft</b>	<b>Shelf Sup.</b>	<b>D</b>	<b>Wood</b>	<b>White</b>	<b>1.11</b>
36	Exterior	1		C	Crawl Dr Frm	Ctr		D	Wood	Gray	ND



37 Exterior	1	C	Crawl Door	Ctr		D	Wood	Gray	0
38 Exterior	1	B	Wall	L Lft		D	Wood	Gray	0.48
39 Exterior	1	C	Wall	L Lft		D	Wood	Gray	0.64
40 Exterior	1	C	Corner board	Lft		D	Wood	Gray	0.52
41 Exterior	1	A	Stairs	Lft	Treads	D	Brick	Gray	0.03
42 Exterior	1	A	Stairs	Lft	Railing cap	D	Metal	Black	0.01
43 Exterior	1	A	Door	Lft	Lft casing	D	Wood	White	0.22
44 Exterior	1	A	Door	Lft	Lft jamb	D	Wood	White	0.19
45 Exterior	1	A	Door	Lft	Rgt jamb	D	Wood	White	ND
46 Exterior	1	A	Door	Lft	U Lft	D	Wood	Purple	ND
47 Exterior	1	A	Door	Lft	L Ctr	D	Wood	Purple	ND
48 Exterior	1	A	Threshold	Lft		D	Wood	White	ND
<b>49 Exterior</b>	<b>1</b>	<b>A</b>	<b>Lintel</b>	<b>Lft</b>		<b>D</b>	<b>Wood</b>	<b>White</b>	<b>1.27</b>
50 Interior	1	A	Wall	L Lft		D	Wall Board	Gray	0.45
51 Interior	1	B	Wall	L Ctr		D	Wall Board	Gray	0.24
52 Interior	1	C	Wall	L Lft		D	Wall Board	Gray	ND
53 Interior	1	D	Wall	L Rgt		D	Wall Board	Gray	ND
54 Interior	1	A	Ceiling			I	Wall Board	White	ND
55 Interior	1	A	Floor			I	Wood	Natural	0.07
56 Interior	1	A	Baseboard	Lft		D	Wood	White	0
57 Interior	1	A	Door	Lft	Rgt casing	D	Wood	White	ND
58 Interior	1	A	Door	Lft	Rgt jamb	D	Wood	White	ND
59 Interior	1	A	Door	Lft	L Ctr	I	Wood	Natural	ND
60 Interior	1	A	Window	Rgt	Lft casing	D	Wood	White	ND
61 Interior	1	A	Window	Rgt	Sill	D	Wood	White	ND
62 Interior	1	A	Window	Rgt	Sash	I	Aluminum	N/A	0.06
63 Interior	2	A	Wall	L Ctr		D	Wall Board	Lt Brown	ND
64 Interior	2	B	Wall	L Lft		D	Wall Board	Lt Brown	ND
65 Interior	2	C	Wall	L Lft		D	Wall Board	Lt Brown	ND
66 Interior	2	D	Wall	L Rgt		D	Wall Board	Lt Brown	ND
67 Interior	2	A	Ceiling			D	Wall Board	White	0
68 Interior	2	D	Floor			I	Vinyl	Gray	ND
69 Interior	2	B	Baseboard	Ctr		I	Wood	White	ND
70 Interior	2	D	Closet	Rgt	Door Casing	I	Wood	White	ND
71 Interior	2	D	Closet	Rgt	Door	D	Wood	White	ND
72 Interior	2	D	Closet	Rgt	Door Jamb	D	Wood	Beige	ND
73 Interior	2	D	Closet	Rgt	Shelf	D	Wood	Beige	ND
74 Interior	2	D	Closet	Rgt	Shelf Sup.	D	Wood	Beige	ND
75 Interior	2	D	Closet	Rgt	Wall	D	Wall Board	Beige	ND
76 Interior	2	C	Door	Ctr	Rgt casing	I	Wood	White	0.09
77 Interior	2	C	Door	Ctr	Rgt jamb	I	Metal	N/A	ND
78 Interior	2	C	Door	Ctr	L Ctr	I	Metal	N/A	ND
79 Interior	2	D	Cabinet Frm	Ctr		I	Wood	Natural	ND
80 Interior	2	D	Cabinet Door	Ctr		I	Wood	Natural	ND
81 Interior	3	A	Wall	U Ctr		D	Wall Board	Yellow	0.03
82 Interior	3	B	Wall	L Ctr		D	Wall Board	Yellow	ND
83 Interior	3	C	Wall	U Ctr		D	Wall Board	Yellow	ND

84 Interior	3	D	Wall	L Ctr		D	Wall Board	Yellow	ND
85 Interior	3	A	Ceiling			D	Wall Board	White	ND
86 Interior	3	A	Floor			I	Vinyl	Lt Brown	0.09
87 Interior	3	D	Baseboard	Ctr		D	Wood	White	ND
<b>88 Interior</b>	<b>3</b>	<b>C</b>	<b>Wall</b>	<b>L Ctr</b>		<b>I</b>	<b>Ceramic</b>	<b>Pink</b>	<b>5.16</b>
<b>89 Interior</b>	<b>3</b>	<b>C</b>	<b>Window</b>	<b>Ctr</b>	<b>Sill</b>	<b>I</b>	<b>Ceramic</b>	<b>Pink</b>	<b>5.1</b>
90 Interior	3	C	Window	Ctr	Sash	I	Aluminum	N/A	ND
91 Interior	3	C	Window	Ctr	Header	D	Wood	Beige	ND
92 Interior	3	C	Tub	Ctr		I	Metal	White	0.48
93 Interior	3	B	Cabinet Frm	Lft		D	Wood	White	0.43
94 Interior	3	B	Cabinet Door	Lft		D	Wood	Beige	0.02
95 Interior	3	A	Door	Lft	Rgt casing	D	Wood	White	ND
96 Interior	3	A	Door	Lft	Rgt jamb	D	Wood	Beige	ND
97 Interior	3	A	Door	Lft	U Lft	I	Wood	Natural	ND
98 Interior	4	A	Wall	L Ctr		D	Wall Board	Beige	ND
99 Interior	4	B	Wall	L Ctr		D	Wall Board	Beige	ND
100 Interior	4	C	Wall	L Lft		D	Wall Board	Beige	ND
101 Interior	4	D	Wall	L Ctr		D	Wall Board	Beige	ND
102 Interior	4	A	Ceiling			I	Wall Board	White	ND
103 Interior	4	B	Floor			I	Wood	Natural	ND
104 Interior	4	C	Baseboard	Lft		D	Wood	White	0
105 Interior	4	C	Window	Lft	Rgt casing	D	Wood	White	ND
106 Interior	4	C	Window	Lft	Sill	D	Wood	White	ND
107 Interior	4	C	Window	Lft	Sash	I	Aluminum	N/A	ND
108 Interior	4	B	Closet	Ctr	Door Casing	D	Wood	Beige	ND
109 Interior	4	B	Closet	Ctr	Door Jamb	D	Wood	Beige	0.02
110 Interior	4	B	Closet	Ctr	Door	D	Wood	Natural	ND
111 Interior	4	B	Closet	Ctr	Shelf	D	Wood	Beige	0.08
112 Interior	4	B	Closet	Ctr	Shelf Sup.	D	Wood	Beige	0.06
113 Interior	4	B	Closet	Ctr	Wall	D	Wall Board	Beige	0.26
114 Interior	4	B	Door	Lft	Rgt casing	D	Wood	Beige	0.06
115 Interior	4	B	Door	Lft	Rgt jamb	D	Wood	Beige	0.09
116 Interior	4	B	Door	Lft	U Lft	I	Wood	Natural	ND
117 Interior	5	A	Wall	U Ctr		I	Wall Board	White	ND
118 Interior	5	B	Wall	L Lft		I	Wall Board	White	0.08
119 Interior	5	C	Wall	L Ctr		I	Wall Board	Purple	ND
120 Interior	5	D	Wall	L Lft		I	Wall Board	Purple	0.08
121 Interior	5	C	Ceiling			I	Wall Board	White	ND
122 Interior	5	C	Floor			I	Carpet	Green	ND
123 Interior	5	C	Baseboard	Ctr		I	Wood	White	ND
124 Interior	5	A	Window	Ctr	Rgt casing	D	Wood	White	ND
125 Interior	5	A	Window	Ctr	Sill	D	Wood	White	ND
126 Interior	5	A	Window	Ctr	Sash	I	Aluminum	N/A	ND
127 Interior	5	C	Closet	Rgt	Door Casing	D	Wood	White	ND
128 Interior	5	C	Closet	Rgt	Door Jamb	D	Wood	White	ND
129 Interior	5	C	Closet	Rgt	Door	I	Wood	Natural	ND
130 Interior	5	C	Closet	Rgt	Shelf	D	Wood	White	ND

131 Interior	5	C	Closet	Rgt	Shelf Sup.	D	Wood	White	ND
132 Interior	5	C	Closet	Rgt	Wall	D	Wall Board	White	ND
133 Interior	5	C	Door	Lft	Rgt casing	D	Wood	White	ND
134 Interior	5	C	Door	Lft	Rgt jamb	D	Wood	White	ND
135 Interior	6	A	Wall	U Ctr		D	Wall Board	Peach	ND
136 Interior	6	B	Wall	L Ctr		D	Wall Board	Peach	0.09
137 Interior	6	C	Wall	U Ctr		D	Wall Board	Peach	ND
138 Interior	6	D	Wall	L Ctr		D	Wall Board	Peach	0.1
139 Interior	6	A	Ceiling			I	Wall Board	White	ND
140 Interior	6	A	Floor			I	Wood	Natural	0
141 Interior	6	D	Baseboard	Rgt		D	Wood	White	ND
142 Interior	6	C	Attic Dr Frm	Ctr		D	Wood	Beige	ND
143 Interior	6	C	Attic Door	Ctr		I	Wood	N/A	ND
144 Interior	6	D	Closet	Rgt	Door Casing	D	Wood	White	ND
145 Interior	6	D	Closet	Rgt	Door Jamb	D	Wood	White	ND
146 Interior	6	D	Closet	Rgt	Door	I	Wood	N/A	ND
147 Interior	6	B	Closet	Rgt	Door Casing	D	Wood	White	ND
148 Interior	6	B	Closet	Rgt	Door Jamb	D	Wood	White	0.09
149 Interior	6	B	Closet	Rgt	Door	I	Wood	Natural	ND
150 Interior	Calibration								1.03
151 Interior	Calibration								1.01
152 Interior	Calibration								1.01

## **APPENDIX E**

### **LABORATORY ANALYTICAL RESULTS AND CHAIN OF CUSTODY SHEET**



30105 Beverly Road  
Romulus, MI 48174  
Ph: 734-629-8161; Fax: 734-629-8431

## Certificate of Analysis: Lead In Dust Wipe by EPA Method 7000B/3050B\*

**Client :** Roy Consulting Group Corporation  
9823 Balmoral Circle  
Charlotte, NC 28210

**Attn :** James E. Roy Jr. **Email :** jroy@royconsultinggroup.com  
**Phone :** 704.968.4111 **Fax :** 704.553.9458

**AAT Project :** 817143

**Sampling Date :** 07/14/2022

**Date Received :** 07/15/2022

**Date Analyzed :** 07/15/2022

**Date Reported :** 07/18/2022

**Client Project :** 67-090919

**Project Location :** 1915 HERRIN

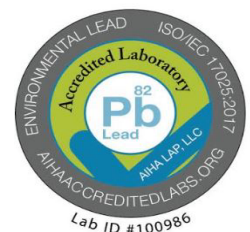
Lab Sample ID	Client Code	Sample Description	Length (inch)	Width (inch)	Area (Sq ft)	Results Lead $\mu\text{g}/\text{ft}^2$ *
7583973	1915-FW01		12	12	1.00	<5.00
7583974	1915-FW02		12	12	1.00	<5.00
7583975	1915-FW03		12	12	1.00	<5.00
7583976	1915-FW04		12	12	1.00	<5.00
7583977	1915-FW05		12	12	1.00	<5.00
7583978	1915-WW01		4	30	0.83	<6.00
7583979	1915-WW02		4	30	0.83	41.79
7583980	1915-WW03		4.5	25	0.78	<6.40
7583981	1915-WW04		4	30	0.83	<6.00

Analyst Signature

Derek Kibler

Nathan Ditty

ND = Not Detected, N/A = Not Available, RL = Reporting Limit, Analytical Reporting Limit is 5 ug/sample. For true values assume (2) significant figures. AAT internal SOP S205. The method and batch QC are acceptable unless otherwise stated. EPA Regulatory Limits: 10 ug/ft<sup>2</sup> (Floors, Carpeted/Uncarpeted), 100 ug/ft<sup>2</sup> (Window Sill/Stools), 400ug/ft<sup>2</sup> (Window Trough/Well/Ext Concrete Surfaces). HUD Grantee Regulatory Limits: 10 ug/ft<sup>2</sup> (Interior Floors), 40 ug/ft<sup>2</sup> (Porch Floors), 100 ug/ft<sup>2</sup> (Window Sills), 100 ug/ft<sup>2</sup> (Window Troughs). The laboratory operates in accord with ISO 17025 guidelines and holds limited scopes of accreditation under AIHA-LAP and NY State DOH ELAP programs. These results are submitted pursuant to AAT, LLC current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. Analytical results relate to the samples as received by the lab. AAT will not assume any liability or responsibility for the manner in which the results are used or interpreted. All Quality Control requirements for the samples this report contains have been met. AAT does not blank correct reported values. Sample data apply only to items analyzed. Results are calculated with wipe dimensions supplied by client. Reproduction of this document other than in its entirety is not authorized by AAT, LLC. \* = Validated modified method. Samples are stored for 15 days following report date



AIHA LAP- Lab ID #100986, NY State DOH ELAP -Lab ID #11864, State of Ohio- Lab ID # 10042

Date Printed: 07/18/2022

AAT Project: 817143



30105 Beverly Road  
Romulus, MI 48174  
Ph: 734-629-8161; Fax: 734-629-8431

## Certificate of Analysis: Lead In Soil by EPA SW-846 7420 and 3050B Method\*

**Client :** Roy Consulting Group Corporation  
9823 Balmoral Circle  
Charlotte, NC 28210

**Attn :** James E. Roy Jr. **Email :** jroy@royconsultinggroup.com  
**Phone :** 704.968.4111 **Fax :** 704.553.9458

**Client Project :** 67-090919

**Project Location :** 1915 HERRIN

**AAT Project :** 817143

**Sampling Date :** 07/14/2022

**Date Received :** 07/15/2022

**Date Analyzed :** 07/18/2022

**Date Reported :** 07/18/2022

Lab Sample ID	Client Code	Sample Description	Results Lead µg/g (PPM)	Calculated RL µg/g *
7583982	1915-SOIL1		82.74	10.16

Analyst Signature

Derek Kibler

Nathan Ditty

\*RL= Reporting Limit \* For true values assume (2) significant figures. The method and batch QC are acceptable unless otherwise stated. Current EPA/HUD Interim Standard for soil samples are: 400 PPM (parts per million) for play area's, 1200 PPM for building Perimeters and 1000 PPM for California Building Perimeters. AAT internal sop S204. The laboratory operates in accord with ISO 17025 guidelines and holds limited scopes of accreditation under AIHA-LAP and NY State DOH ELAP programs. These results are submitted pursuant to AAT LLC current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. Analytical results relate to the samples as received by the lab. AAT will not assume any liability or responsibility for the manner in which the results are used or interpreted. Reproduction of this document other than in its entirety is not permitted. AAT does not blank correct reported values. Sample data apply only to items analyzed. Samples are stored for 15 days following report date. \* = Validated modified method

AIHA LAP- Lab ID #100986, NY State DOH ELAP -Lab ID #11864, State of Ohio- Lab ID # 10042

Date Printed: 07/18/2022 8:55AM

AAT Project: 817143



# ROY CONSULTING GROUP CORPORATION

## CHAIN OF CUSTODY SHEET

9823 Balmoral Circle  
Charlotte, NC 28210  
Phone: 704.968.4111 Fax: 704.553.9458

Client: COC  
Telephone No.:                      Fax:                       
Project Name: 1915 Herrin  
Project #: 67-090919

Remarks/Notes: 48 HR TURNAROUND

SAMPLE ID		DATE COLLECTED	ASBESTOS				LEAD				Comments		
			Bulk ID by PLM	(PCM) Fiber Count	PLM Point Count	TEM AHERA (AIR)	Air	Paint (%)	Paint (PPM)	Paint (mg/cm2)		Soil	Wipe * See Note
1915-FW01		7/14/2022										X	12"X12" Wipe Area
1915-FW02		7/14/2022										X	12"X12" Wipe Area
1915-FW03		7/14/2022										X	12"X12" Wipe Area
1915-FW04		7/14/2022										X	12"X12" Wipe Area
1915-FW05		7/14/2022										X	12"X12" Wipe Area
1915-WW01		7/14/2022										X	4"X30" Wipe Area
1915-WW02		7/14/2022										X	4"X30" Wipe Area
1915-WW03		7/14/2022										X	4 1/2"X25" Wipe Area
1915-WW04		7/14/2022										X	4"X30" Wipe Area
1915-SOIL1		7/14/2022										X	

\*Wipe samples submitted must meet ASTM E1792 standards.

Released By: Jim Roy

Signature: Jim Roy

Date and Time: 7/14/22 15:40 hours

Received By:                     

Signature:                     

Date/Time:                     

ACCURATE ANALYTICAL  
TESTING

## **APPENDIX F**

### **PHOTOS**





**Photo 1 – House – Side A**



**Photo 2 – House – Side C**





**Photo 3 – House – Side D**



**Photo 4 – Closet Door B1**